

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/DE 03/01007

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G05B19/042 G05B19/414

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/23290 A (DANCAU MARIAN GEORG ;HAUNI WERKE KOERBER & CO KG (DE); BAATZ GUNAR) 21 March 2002 (2002-03-21) page 3, line 10 - page 4, line 21 page 5, line 11 - line 32 page 7, line 6 - page 8, line 4 page 16, line 14 - page 19, line 25	1-6
X	WO 01/57823 A (DOMAIN LOGIX CORP) 9 August 2001 (2001-08-09) page 3, line 7 - line 35 page 5, line 9 - page 6, line 20 page 7, line 7 - page 8, line 30 page 12, line 10 - page 13, line 15 ----- -/--	1-4,6

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

4 June 2004

Date of mailing of the international search report

18/06/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Prokopiou, P

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>KUCHLIN W ET AL: "HIGHROBOT: telerobotics in the Internet"</p> <p>EMERGING TECHNOLOGIES AND FACTORY AUTOMATION PROCEEDINGS, 1997. ETFA '97., 1997 6TH INTERNATIONAL CONFERENCE ON LOS ANGELES, CA, USA 9-12 SEPT. 1997, NEW YORK, NY, USA, IEEE, US, 9 September 1997 (1997-09-09), pages 115-120, XP010242641</p> <p>ISBN: 0-7803-4192-9</p> <p>page 115, column 2, line 25 - line 32</p> <p>page 116, column 2, line 38 - page 118, column 1, line 12</p> <p>page 118, column 2, line 1 - page 119, column 2, line 16</p>	1,2,6,7
X	<p>TAYLOR K ET AL: "Internet robots: a new robotics niche"</p> <p>IEEE ROBOTICS & AUTOMATION MAGAZINE, MARCH 2000, IEEE, USA, vol. 7, no. 1, 31 March 2000 (2000-03-31), pages 27-34, XP002273707</p> <p>ISSN: 1070-9932</p> <p>page 29, column 2, line 18 - page 31, column 1, line 36; figure 6</p>	1-3,6
X	<p>EP 0 982 644 A (KAWASAKI HEAVY IND LTD)</p> <p>1 March 2000 (2000-03-01)</p> <p>paragraph '0023! - paragraph '0027!</p> <p>paragraph '0043! - paragraph '0057!</p>	1,2,4,6,7
X	<p>EP 1 176 482 A (ABB RESEARCH LTD)</p> <p>30 January 2002 (2002-01-30)</p> <p>paragraph '0005! - paragraph '0023!</p>	1,2,4,6
X	<p>CALKIN D W ET AL: "Visualisation, simulation and control of a robotic system using Internet technology"</p> <p>AMC'98 - COIMBRA. 1998 5TH INTERNATIONAL WORKSHOP ON ADVANCED MOTION CONTROL. PROCEEDINGS (CAT. NO.98TH8354), AMC'98 - COIMBRA. 1998 5TH INTERNATIONAL WORKSHOP ON ADVANCED MOTION CONTROL. PROCEEDINGS, COIMBRA, PORTUGAL, 29 JUNE-1 JULY 1998, 1 July 1998 (1998-07-01), pages 399-404, XP002273709</p> <p>1998, Piscataway, NJ, USA, IEEE, USA</p> <p>ISBN: 0-7803-4484-7</p> <p>page 401, column 2, line 1 - page 403, column 1, line 27</p>	1,2,4,6

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	<p>US 6 311 101 B1 (KASTNER ENGELBERT) 30 October 2001 (2001-10-30) column 2, line 25 - column 3, line 40 column 4, line 32 - column 5, line 36 column 6, line 25 - column 7, line 34</p>	1-7
A	<p>GB 2 360 608 A (ROKE MANOR RESEARCH) 26 September 2001 (2001-09-26) page 8, line 3 - page 9, line 24 page 10, line 27 - page 12, line 25</p>	1-6
A	<p>SAUCY P ET AL: "KhepOnTheWeb: open access to a mobile robot on the Internet" IEEE ROBOTICS & AUTOMATION MAGAZINE, MARCH 2000, IEEE, USA, vol. 7, no. 1, 31 March 2000 (2000-03-31), pages 41-47, XP002273708 ISSN: 1070-9932 page 42, column 1, line 18 - page 43, column 2, line 10</p>	1-4,6,7

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Information on patent family members

International Application No

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